

| L Number | Hits | Search Text   | DB   | Time stamp          |
|----------|------|---|--|---------------------|
| 1        | 32   | ((punchthrough or (punch adj through) or punch\$1through) ) with (asymmet\$5)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>13:58 |
| 2        | 0    | halo near3 asymmet\$5   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>13:58 |
| 3        | 86   | halo near3 asymmet\$5   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>14:57 |
| 4        | 6    | (halo near3 asymmet\$5) and (halo with depth)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>14:35 |
| 5        | 96   | halo with depth   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>14:49 |
| 6        | 14   | ("4111720"   "5171700"   "5405791"   "5654218"   "5719424"   "5736440"   "5747855"   "5849615"   "5851866"   "5943565"   "5972760"   "6017798"   "6037230"   "6051458").PN. | USPAT                                      | 2003/07/08<br>14:43 |
| 7        | 5    | 6232166.URPN.   | USPAT                                      | 2003/07/08<br>14:43 |
| 8        | 3    | ("4868617"   "6232166"   "6300205").PN.   | USPAT                                      | 2003/07/08<br>14:44 |
| 9        | 5    | ("5578509"   "5595919"   "5736446"   "5830788"   "5885886").PN.   | USPAT                                      | 2003/07/08<br>14:44 |
| 10       | 5    | 6300205.URPN.   | USPAT                                      | 2003/07/08<br>14:46 |
| 11       | 14   | ("4111720"   "5171700"   "5405791"   "5654218"   "5719424"   "5736440"   "5747855"   "5849615"   "5851866"   "5943565"   "5972760"   "6017798"   "6037230"   "6051458").PN. | USPAT                                      | 2003/07/08<br>14:47 |
| 12       | 12   | "5972760"   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>14:48 |
| 13       | 203  | halo same depth   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>14:49 |
| 14       | 107  | (halo same depth) not (halo with depth)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>14:49 |
| 15       | 56   | ((halo same depth) not (halo with depth)) and channel   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>14:53 |
| 16       | 0    | (halo near3 asymmet\$5) and (depth with (nm or angstrom\$1))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>14:54 |
| 17       | 0    | (halo near3 asymmet\$5) and (peak\$4 with (nm or angstrom\$1))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>14:54 |
| 18       | 427  | halo with asymmet\$5  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>14:57 |

|    |      |   |   |                     |
|----|------|---|---|---------------------|
| 19 | 17   | (halo with asymmet\$5) and channel and depth  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | 2003/07/08<br>14:58 |
| -  | 239  | (257/327, 336-339, 344-345, 394-400, "408").ccls. and @pd>20020515  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>09:50 |
| -  | 78   | (438/289-291).ccls. and @pd>20020515  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>09:52 |
| -  | 7    | ((punchthrough or (punch adj through) or punch\$1through) or (short adj channel) ) and (implant\$7 with "<110>" with (along or direction or plane)) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | 2003/07/08<br>09:54 |
| -  | 207  | (257/327, 336-339, 344-345, 394-400, "408").ccls. and @pd>20030105  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>09:50 |
| -  | 50   | (438/289-291).ccls. and @pd>20030105  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/08<br>09:53 |
| -  | 9922 | (punchthrough or (punch adj through) or punch\$1through)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | 2003/07/08<br>09:55 |
| -  | 702  | ((punchthrough or (punch adj through) or punch\$1through) ) with (stop\$4)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | 2003/07/08<br>10:12 |